



ANTIMONY

TIN OXIDE NANOPARTICLES

Antimony tin oxide (ATO) is a well-known optically transparent, infrared light insulating, and electrically conducting oxide that is commonly used in heat-insulating films, display electrodes and polymer light-emitting diodes (PLEDs). The performance of the nano-ATO dispersion determines the crucial properties of the thermal insulation glass paint, such as its #transparency and its ability to block near-infrared rays. Also ATO nano dispersion has applications in LEDs, Scratch-resistance, solar energy, Conductive applications and many more.



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APPLICATIONS

- ✓ Corrosion-resistance
- ✓ LCDs and other lights and display devices
- ✓ Thermal insulation
- ✓ Solar energy



SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: SnO₂:Sb₂O₃
- ✓ Color: Bluish Grey
- ✓ Density: 5.20g/cm³
- ✓ Bulk Density: ≤0.95g/cm³
- ✓ Melting Point: 655°C
- ✓ pH: 4.0~7.0

All types of particles size are available in micro and nano range.

CATALOGUE NO.

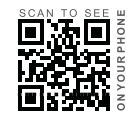
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